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DIVISION OF INDUSTRIAL ACCIDENTS

1966 Annual Report

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Division of Industrial Accidents  
Leverett Saltonstall Building  
Government Center  
100 Cambridge Street  
Boston, Massachusetts 02202

April 17, 1973

To the Honorable Senate and House of Representatives:

The Division of Industrial Accidents has the honor to transmit its fifty-fourth annual report.

Respectfully,

Edward S. Zelazo, Chairman  
Harry Demeter, Jr.  
Albert A. DeVincentis  
Joseph J. Pulgini  
James J. Gaffney, Jr.  
Joseph J. Donovan  
Wallace B. Crawford  
Lillian M. D'Ambrosio  
Maurice H. Richardson  
Salvatore A. Percoco  
Raymond M. Trudel  
Robert J. Kelly

John J. Maloney, Secretary

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FIFTY-FOURTH ANNUAL REPORT  
of the  
DIVISION OF INDUSTRIAL ACCIDENTS

The Division of Industrial Accidents presents herewith its fifty-fourth annual report. This report contains the facts and figures in summarized form, which comprise the Division's experience in the administration of the Workmen's Compensation Law (General Laws, Chapter 152) for the year January 1, 1966 to December 31, 1966.

In the year ending December 31, 1966, the reported injuries totalled 245,006 of which 64,383 or 26.3 per cent were tabulatable injuries. In 1965 the reported injuries totalled 243,820 of which 61,219 were tabulatable injuries, being 25.1 per cent of the total in that year.

The severity of injuries as measured by the plan for weighing time loss due to injuries shows an increase of 66,698 days as compared with 1965.

A Synopsis of the subjects covered in the current report follows:

The Fifty-fourth Year of the Law. This chapter covers in condensed form the number of tabulatable injuries; total reported injuries; aggregate time lost; a condensed statement of combined payments by insurance companies and self-insured employers operating under the Act, and various governmental units; extent of incapacity in certain cases; and dependency, in brief, in fatal cases.

Summary of Accident Experience. This chapter explains the various tables found in the Appendix, with a brief analysis of each, and should be referred to for an understanding of the tables used.

Maximum Payment Cases. This chapter contains a brief review of the non-fatal cases in which the maximum amount of compensation payable under ss. 34 and 35, or either, has been made, and of those in which permanent total disability compensation is being continued under s.34a.

Dependency in Fatal Cases Not Insured Under the Act. There were no non-insured fatal cases this year.

Medical Division. This chapter contains a brief summary of the work of this division with some statistical data for the past year.



### THE FIFTY-FOURTH YEAR OF THE ACT

There were 245,006 reports of injury filed with the Division of Industrial Accidents for the year January 1, 1966 to December 31, 1966 as compared with 243,820 in 1965. Of these, 64,383 (3,164 more than in 1965) were tabulatable injuries (injuries causing the loss of at least one day or one shift, usually eight hours) including deaths, permanent totals, permanent partial, and temporary total disabilities. Death resulted in 308 of these cases; 2 involved permanent total disability; 6,760 permanent partial disability, and 57,313 temporary total disability.

The reports from insurance companies, self-insured employers, and the various governmental units (not including the Commonwealth of Massachusetts) show that the payments made and to be made on account of injuries occurring in this period total \$71,096,271.36 (\$9,301,521.99 more than in 1965) and are classified as follows: Medical, \$20,781,354.07; fatal compensation \$4,854,762.43; non-fatal compensation (including payments made to dependents on these cases under s.35a of the Workmen's Compensation Act) \$45,067,066.86; and other statutory payments of \$393,088.00.

The weighted time loss charges to all injuries is 5,811,206 days, distributed as follows: deaths, 31.8 per cent; permanent total disability, 0.2 per cent; permanent partial disability, 28.8 per cent; and temporary total disability, 39.2 per cent.

There were 308 fatal cases which, for this tabulation, were considered as coming within the meaning of the law. This is a decrease of 29 cases as compared with the year 1965. Total dependency was involved in 289 cases, 584 persons being so dependent; there were 2 cases with partial dependency involving 2 partial dependents; and there was no dependency in 18 cases.

There were no non-insured fatal cases this year.

### SUMMARY OF ACCIDENT EXPERIENCE

TABLE I. TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND CASES INSURED, SELF-INSURED, AND NOT INSURED.

| <u>Total Tabulatable Injuries, By Status of Employer</u> |                        |                          |
|--|------------------------|--------------------------|
| <u>Status of Employer</u>                                | <u>Number of Cases</u> | <u>Per Cent of Total</u> |
| Insured  | 59,682                 | 92.70                    |
| Self-Insured   | 4,677                  | 7.26                     |
| Non-Insured  | <u>24</u>              | <u>0.04</u>              |
| Totals   | 64,383                 | 100.00                   |

The percentage for the above classifications for the year 1965 were: insured cases 92.33 per cent; self-insured 7.63 per cent; and not insured .04 per cent.

TABLE II. INSURANCE TRANSACTIONS UNDER THE ACT.

This table was compiled from figures furnished the Board upon its request, under section 63 of the Act, by insurance companies and self-insured employers licensed under the Act, and from the Metropolitan District Commission, and the counties, cities, towns and districts which have accepted the provisions of the Act. This table does not include payments made to employees of the Commonwealth of Massachusetts.

During the year ending December 31, 1966, a total payment of \$71,096,271.36 was reported, the average cost per case being \$346.21. The governmental units which come under the Act reported a payment of \$1,527,419.92 to laborers, workmen and mechanics and to their dependents, and to the dependents of fatally injured employees, as compared with \$1,443,731.67 in 1965. These amounts do not include payments made by the Commonwealth of Massachusetts. Insurers paid \$64,399,889.06 as compared with \$55,666,263.31 in 1965; and self-insurers paid \$5,168,962.38 as compared with \$4,684,754.39 in 1965.

It should be noted that a number of political subdivisions insure directly with private carriers in lieu of accepting statutes enabling payment directly by such subdivisions.



Payments Made and Outstanding

| <u>Type of Payment</u>  | <u>Amount</u>     | <u>Per Cent</u> |
|---|-------------------|-----------------|
| Medical, for all cases  | \$ 20,781,354.07  | 29.2            |
| Fatal dependency compensation                                   | 4,854,762.43      | 6.8             |
| Non-fatal disability compensation<br>(including s.35a payments) | 45,067,066.86     | 63.4            |
| Other statutory payments  | <u>393,088.00</u> | <u>0.6</u>      |
| Totals  | \$ 71,096,271.36  | 100.0           |

Based on payments made and estimated outstanding and the cases to which they apply, the average cost per case for the several groups is as follows:

Average Cost Per Specified Case

| <u>Type of Payment</u>  | <u>No. of Cases</u> | <u>Average Cost</u> |
|---|---------------------|---------------------|
| Medical, for all cases  | 204,007             | \$ 101.87           |
| Fatal dependency compensation                                   | 259                 | 18,744.26           |
| Non-fatal disability compensation<br>(including s.35a payments) | 43,314              | 1,040.47            |
| Other statutory payments  | 276                 | 1,424.23            |

TABLE II. Payments Made and Outstanding Under the Act, Filed by Insurance Companies, Self-Insured Employers, and the Various Governmental Units, (excluding the Commonwealth of Massachusetts) on Injuries Reported for the Year January 1, 1966 to December 31, 1966.

PAYMENTS BY NON-FATAL, FATAL, AND OTHER STATUTORY BENEFITS

NON-FATAL CASES

|  |         |                        |
|--|---------|------------------------|
| Number of employees requiring medical service only.....  | 161,764 |                        |
| Medical payments made.....   |         | \$ 4,041,402.96        |
| Medical payments outstanding.....  |         | 502,613.58             |
|  |         | <u>\$ 4,544,016.54</u> |
| Number of employees requiring medical service only, who received treatment under "contract medical"..... | 153,020 |                        |
| Number of employees receiving compensation and treatment under "contract medical".....                   | 1,347   |                        |
| Incapacity and specific compensation paid, including ch.152, s.35a payments.....                         |         | \$ 582,555.10          |
| Incapacity and specific compensation outstanding, including ch.152, s.35a payments.....                  |         | 209,673.00             |
|  |         | <u>\$ 792,228.10</u>   |
| Number of employees receiving both medical service and compensation.....                                 | 41,967  |                        |
| Medical payments.....  |         | \$ 8,464,619.63        |
| medical payments outstanding.....  |         | 7,540,370.76           |
|  |         | <u>\$16,004,990.39</u> |
| Incapacity and specific compensation paid, including payments under ch.152, s. 35a.....                  |         | \$18,353,879.28        |
| Incapacity and specific compensation outstanding, including ch.152, s.35a payments.....                  |         | 25,920,959.48          |
|  |         | <u>\$44,274,838.76</u> |
| Number of cases requiring neither payment of compensation nor medical service.....                       | 25,399  |                        |



## FATAL CASES

|  |     |                     |
|--|-----|---------------------|
| Number of fatal cases with total dependents.....                     | 245 |                     |
| Compensation payments made.....                                      |     | \$ 329,016.14       |
| Compensation payments outstanding.....                               |     | 1,478,182.29        |
| Compensation payments outstanding in questioned liability cases..... |     | <u>2,916,526.00</u> |
|  |     | \$ 4,723,724.43     |
| Medical payments made.....   |     | \$ 51,088.77        |
| Medical payments outstanding.....                                    |     | 21,563.00           |
| Medical payments outstanding in questioned liability cases.....      |     | <u>122,813.00</u>   |
|  |     | \$ 195,464.77       |
| Number of fatal cases with partial dependents.....                   | 14  |                     |
| Compensation payments made.....                                      |     | \$ 50,088.00        |
| Compensation payments outstanding.....                               |     | 9,560.00            |
| Compensation payments outstanding in questioned liability cases..... |     | <u>71,390.00</u>    |
|  |     | \$ 131,038.00       |
| Medical payments made.....   |     | \$ 13,881.37        |
| Medical payments outstanding.....                                    |     | 3,188.00            |
| Medical payments outstanding in questioned liability cases.....      |     | <u>7,150.00</u>     |
|  |     | \$ 24,219.37        |
| Number of fatal cases with no dependents.....                        | 17  |                     |
| Medical payments made.....   |     | \$ 4,023.00         |
| Medical payments outstanding.....                                    |     | -                   |
| Medical payments outstanding in questioned liability cases.....      |     | <u>8,640.00</u>     |
|  |     | \$ 12,663.00        |

## OTHER STATUTORY PAYMENTS

Ch. 152, S.33

|   |                   |
|---|-------------------|
| Payments made.....                                      | \$ 50,853.00      |
| Payments outstanding.....                               | 12,735.00         |
| Payments outstanding in questioned liability cases..... | <u>190,800.00</u> |
|   | \$ 254,388.00     |

Ch. 152, s.65

|  |                     |
|--|---------------------|
| Payments made.....   | \$ 3,000.00         |
| Payments outstanding.....                                  | 400.00              |
| Payments outstanding in<br>questioned liability cases..... | 8,500.00            |
|  | <u>\$ 11,900.00</u> |

Ch. 152, s.65n

|  |                      |
|--|----------------------|
| Payments made.....   | \$ 19,500.00         |
| Payments outstanding.....                                  | 10,000.00            |
| Payments outstanding in<br>questioned liability cases..... | 97,300.00            |
|  | <u>\$ 126,800.00</u> |

PAYMENTS BY MEDICAL, COMPENSATION, AND OTHER STATUTORY BENEFITS

Total Number of Cases

|   |                |
|---|----------------|
| Number of fatal cases reported.....     | 276            |
| Number of non-fatal cases reported..... | 383,497        |
|   | <u>383,773</u> |

Medical Payments

Fatal Medical Payments

|  |                      |
|--|----------------------|
| Payments made.....   | \$ 68,993.14         |
| Payments outstanding.....                                  | 24,751.00            |
| Payments outstanding in<br>questioned liability cases..... | 138,603.00           |
|  | <u>\$ 232,347.14</u> |

Non-fatal Medical Payments

|                           |                        |
|---------------------------|------------------------|
| Payments made.....        | \$12,506,022.59        |
| Payments outstanding..... | 8,042,984.34           |
|                           | <u>\$20,549,006.93</u> |

Fatal and Non-Fatal Medical

Payments Combined

|  |                        |
|--|------------------------|
| Payments made.....   | \$12,575,015.73        |
| Payments outstanding.....                                  | 8,067,735.34           |
| Payments outstanding in<br>questioned liability cases..... | 138,603.00             |
|  | <u>\$20,781,354.07</u> |



## Compensation Payments

### Fatal Compensation Payments

|  |                        |
|--|------------------------|
| Payments made.....   | \$ 379,104.14          |
| Payments outstanding.....                                  | 1,487,742.29           |
| Payments outstanding in<br>questioned liability cases..... | 2,987,916.00           |
|  | <u>\$ 4,854,762.43</u> |

### Non-Fatal Compensation Payments

|   |                        |
|---|------------------------|
| Payments made, including ch.152, s.35a<br>payments.....         | \$18,936,434.38        |
| Payments outstanding, including ch. 152,<br>s.35a payments..... | 26,130,632.48          |
|   | <u>\$45,067,066.86</u> |

### Fatal and Non-Fatal Compensation

#### Payments Combined

|  |                        |
|--|------------------------|
| Payments made.....   | \$19,315,538.52        |
| Payments outstanding.....                                  | 27,618,374.77          |
| Payments outstanding in<br>questioned liability cases..... | 2,987,916.00           |
|  | <u>\$49,921,829.29</u> |

### Other Statutory Payments

|  |                      |
|--|----------------------|
| Payments made.....   | \$ 73,353.00         |
| Payments outstanding.....                                  | 23,135.00            |
| Payments outstanding in<br>questioned liability cases..... | 296,600.00           |
|  | <u>\$ 393,088.00</u> |

### Medical, Compensation, and Other Statutory Payments Combined

|  |                        |
|--|------------------------|
| Total payments made.....   | \$31,963,907.25        |
| Total payments outstanding.....                                  | 35,709,245.11          |
| Total payments outstanding in<br>questioned liability cases..... | 3,423,119.00           |
|  | <u>\$71,096,271.36</u> |



TABLE III. FREQUENCY OF INJURIES, BY INDUSTRIES AND  
EXTENT OF DISABILITY.

This table indicates the number of deaths, permanent total disabilities, permanent partial disabilities, and temporary total disabilities.

In permanent total disabilities, the element of judgment based on experience must enter into classifying a part of the data. In rating injuries of this nature, the general principle by which severity is to be measured is based on economic loss to the community and on the loss of wages to the employee. Permanent total disability applies to every injury which permanently incapacitates the workman from performing any work continuously in a gainful occupation. The element of judgment must enter into the classification of the data because the statistics must be compiled before we can determine definitely whether an injured employee is ever going to be able to perform work again.

Permanent partial disabilities are all injuries less than permanent total which result in the loss of any member of the body or part thereof, or in the permanent impairment of any function, as included in the specific injury table.

Temporary total disabilities are those in which no permanent partial disability is involved.

Extent of Total Tabulatable Injuries

| <u>Extent of Disability</u>    | <u>Number of Cases</u> | <u>Per Cent</u> |
|--------------------------------|------------------------|-----------------|
| Deaths                         | 308                    | 0.5             |
| Permanent total disabilities   | 2                      | 0.-'*           |
| Permanent partial disabilities | 6,760                  | 10.5            |
| Temporary total disabilities   | <u>57,313</u>          | <u>89.0</u>     |
| Totals                         | 64,383                 | 100.0           |

\*-' Less than one-tenth of one per cent.

The following table is a summary of the duration of disability in all cases in this classification:

Duration of Temporary Total Disabilities

| <u>Disability Period</u> | <u>Number of Cases</u> | <u>Per Cent</u> |
|--------------------------|------------------------|-----------------|
| 1 to 3 days              | 12,530                 | 21.9            |
| 4 to 7 days              | 10,099                 | 17.6            |
| 1 to 2 weeks             | 11,245                 | 19.6            |
| 2 to 3 weeks             | 5,690                  | 09.9            |
| 3 to 4 weeks             | 3,276                  | 05.7            |
| 4 to 8 weeks             | 7,016                  | 12.3            |
| 8 to 13 weeks            | 3,364                  | 05.9            |
| 13 to 26 weeks           | 1,972                  | 03.4            |
| 26 to 52 weeks           | 1,005                  | 01.8            |
| Over one year            | <u>1,116</u>           | <u>01.9</u>     |
| Totals                   | 57,313                 | 100.0           |

It should be noted that in 22,629 cases, or 39.5 per cent of the temporary total cases, the employee was not incapacitated for a period of more than seven days.



Total Tabulatable Injuries, by Industries and Extent  
of Disability Including Percentage Distribution

| Industry                 | Disabilities |             |             |             |                 |             |                   |             |                 |             |
|--------------------------|--------------|-------------|-------------|-------------|-----------------|-------------|-------------------|-------------|-----------------|-------------|
|                          | Totals       |             | Deaths      |             | Permanent Total |             | Permanent Partial |             | Temporary Total |             |
|                          | Num-<br>ber  | Per<br>Cent | Num-<br>ber | Per<br>Cent | Num-<br>ber     | Per<br>Cent | Num-<br>ber       | Per<br>Cent | Num-<br>ber     | Per<br>Cent |
| Trade                    | 10,915       | 17.0        | 61          | 19.8        | 1               | 50.0        | 919               | 13.6        | 9,934           | 17.4        |
| Iron & steel             | 8,154        | 12.7        | 34          | 11.0        | -               | -           | 1,168             | 17.3        | 6,952           | 12.1        |
| Miscellaneous            | 7,519        | 11.7        | 38          | 12.4        | -               | -           | 967               | 14.3        | 6,514           | 11.4        |
| Building trades          | 7,280        | 11.3        | 39          | 12.7        | -               | -           | 892               | 13.2        | 6,349           | 11.1        |
| Domestic & Personal      | 4,884        | 7.6         | 27          | 8.8         | -               | -           | 460               | 6.8         | 4,397           | 7.7         |
| Food                     | 3,323        | 5.2         | 18          | 5.8         | -               | -           | 391               | 5.8         | 2,914           | 5.1         |
| Professional service     | 3,155        | 4.9         | 12          | 3.9         | -               | -           | 179               | 2.6         | 2,964           | 5.2         |
| Express, trucking        | 2,565        | 4.0         | 21          | 6.8         | -               | -           | 176               | 2.6         | 2,368           | 4.1         |
| Transportation, roads    | 2,442        | 3.8         | 19          | 6.2         | -               | -           | 137               | 2.0         | 2,286           | 4.0         |
| Paper                    | 2,347        | 3.6         | 5           | 1.6         | -               | -           | 235               | 3.5         | 2,107           | 3.7         |
| Leather                  | 2,033        | 3.2         | 3           | 1.0         | -               | -           | 224               | 3.3         | 1,806           | 3.2         |
| Textiles                 | 2,004        | 3.1         | 5           | 1.6         | 1               | 50.0        | 212               | 3.1         | 1,786           | 3.1         |
| Printing & bookbinding   | 1,191        | 1.8         | 3           | 1.0         | -               | -           | 137               | 2.0         | 1,051           | 1.8         |
| Clothing                 | 1,136        | 1.8         | -           | -           | -               | -           | 83                | 1.2         | 1,053           | 1.8         |
| Metals                   | 1,108        | 1.7         | 4           | 1.3         | -               | -           | 121               | 1.8         | 983             | 1.7         |
| Lumber                   | 1,047        | 1.6         | 3           | 1.0         | -               | -           | 161               | 2.4         | 883             | 1.5         |
| Chemicals                | 772          | 1.2         | 4           | 1.3         | -               | -           | 83                | 1.2         | 685             | 1.2         |
| Agriculture              | 717          | 1.1         | 5           | 1.6         | -               | -           | 76                | 1.1         | 636             | 1.1         |
| Clay, glass, stone       | 510          | 0.8         | 1           | 0.3         | -               | -           | 45                | 0.7         | 464             | 0.8         |
| Liquors                  | 496          | 0.8         | 1           | 0.3         | -               | -           | 38                | 0.6         | 457             | 0.8         |
| Others in transportation | 297          | 0.5         | 1           | 0.3         | -               | -           | 22                | 0.3         | 274             | 0.5         |
| Air transportation       | 224          | 0.3         | 2           | 0.7         | -               | -           | 6                 | 0.1         | 216             | 0.4         |
| Telephone & telegraph    | 155          | 0.2         | -           | -           | -               | -           | 17                | 0.3         | 138             | 0.2         |
| Water transportation     | 86           | 0.1         | 1           | 0.3         | -               | -           | 11                | 0.2         | 74              | 0.1         |
| Extraction of minerals   | 23           | 0.-*        | 1           | 0.3         | -               | -           | -                 | -           | 22              | 0.-         |
| Totals                   | 64,383       | 100.0       | 308         | 100.0       | 2               | 100.0       | 6,760             | 100.0       | 57,313          | 100.0       |

\*-! Less than one-tenth of one per cent.



An analysis of the preceding table shows that:

Deaths: "Trade" had 61 deaths, or 19.8 per cent of the total; "Building trades" had 39 deaths, or 12.7 per cent; "Miscellaneous" had 38, or 12.4 per cent; and the rest as shown. Last year "Trade" had the highest death rate with 60, or 17.8 per cent.

Permanent Total Disabilities: There were 2 cases of permanent total disability, one occurring in "Trade", and the other in "Textiles".

Permanent Partial Disabilities: "Iron & steel" had the highest frequency with 1,168 cases, or 17.3 per cent; followed by "Miscellaneous" with 967, or 14.3 per cent; and "Trade" had 919 cases, or 13.6 per cent.

Temporary Total Disabilities: The frequency order of this group occurred as printed.

TABLE IV. SEVERITY OF INJURIES, BY INDUSTRIES AND EXTENT OF DISABILITY.

This table aims to give a measure of the severity of injuries according to the actual and weighted time loss, the unit of time loss being the unit least given to fluctuating.

The weighting of the temporary total disabilities and permanent partial disabilities is most easily determined by using as the bases of measurement the actual number of days lost as a result of injuries. Previous to July 1, 1937, the permanent partial disabilities were weighted by using for each case an aliquot part of six thousand days proportionate to the degree of disability resulting from the particular bodily impairment.

Under the plan for weighting the other types of injuries the following principles were used:

For each death and permanent total disability, a weight of six thousand days was employed as representing the average working life expectancy. This was determined by the accident experience of several states and some practical modifications based on committee judgment.

Severity of Total Tabulatable Injuries, by Industries  
and Extent of Disability

| <u>Industries</u>           | <u>Totals</u>    | <u>Deaths</u>    | <u>Disabilities</u>              |                                    |                                  |
|-----------------------------|------------------|------------------|----------------------------------|------------------------------------|----------------------------------|
|                             |                  |                  | <u>Per-<br/>manent<br/>Total</u> | <u>Per-<br/>manent<br/>Partial</u> | <u>Tem-<br/>porary<br/>Total</u> |
| Trade                       | 981,890          | 366,000          | 6,000                            | 230,457                            | 379,433                          |
| Building trades             | 924,310          | 234,000          | -                                | 373,878                            | 316,432                          |
| Miscellaneous               | 673,212          | 228,000          | -                                | 194,494                            | 250,718                          |
| Iron & steel                | 630,509          | 204,000          | -                                | 204,632                            | 221,877                          |
| Domestic & personal service | 498,578          | 162,000          | -                                | 108,426                            | 228,152                          |
| Food                        | 327,637          | 108,000          | -                                | 99,812                             | 119,825                          |
| Express                     | 300,994          | 126,000          | -                                | 60,791                             | 114,203                          |
| Professional service        | 234,226          | 72,000           | -                                | 59,801                             | 102,425                          |
| Transportation, roads       | 233,771          | 114,000          | -                                | 36,996                             | 82,775                           |
| Textiles                    | 160,699          | 30,000           | 6,000                            | 51,689                             | 73,010                           |
| Paper                       | 140,199          | 30,000           | -                                | 44,713                             | 65,486                           |
| Leather                     | 128,378          | 18,000           | -                                | 30,189                             | 80,189                           |
| Lumber                      | 82,525           | 18,000           | -                                | 35,529                             | 28,996                           |
| Metals                      | 81,470           | 24,000           | -                                | 27,681                             | 29,789                           |
| Printing & bookbinding      | 78,108           | 18,000           | -                                | 27,436                             | 32,672                           |
| Clothing                    | 69,374           | -                | -                                | 20,321                             | 49,053                           |
| Agriculture                 | 66,855           | 30,000           | -                                | 17,146                             | 19,709                           |
| Chemicals                   | 59,889           | 24,000           | -                                | 12,600                             | 23,289                           |
| Clay, glass, stone          | 40,189           | 6,000            | -                                | 14,022                             | 20,167                           |
| Others in transportation    | 27,958           | 6,000            | -                                | 9,353                              | 12,605                           |
| Liquors                     | 25,231           | 6,000            | -                                | 5,574                              | 13,657                           |
| Air transportation          | 19,362           | 12,000           | -                                | 894                                | 6,468                            |
| Water transportation        | 14,465           | 6,000            | -                                | 3,626                              | 4,839                            |
| Extraction of minerals      | 6,475            | 6,000            | -                                | -                                  | 475                              |
| Telephone & telegraph       | 4,902            | -                | -                                | 1,133                              | 3,769                            |
| <b>Totals</b>               | <b>5,811,206</b> | <b>1,848,000</b> | <b>12,000</b>                    | <b>1,671,193</b>                   | <b>2,280,013</b>                 |



The following table indicates that under the weighted system used, deaths cover 31.8 per cent of the total time loss, although only 308 out of a total of 64,383 cases were fatal.

Distributed Severity of Injuries

| <u>Extent of Disability</u>    | <u>Days Lost</u> | <u>Per Cent</u> |
|--------------------------------|------------------|-----------------|
| Deaths                         | 1,848,000        | 31.8            |
| Permanent total disabilities   | 12,000           | 0.2             |
| Permanent partial disabilities | 1,671,193        | 28.8            |
| Temporary total disabilities   | 2,280,013        | 39.2            |
| Totals                         | 5,811,206        | 100.0           |

The following table shows the percentage distribution of days and the average days lost per case by industries.

Percentage Distribution of Lost Days and Average Days Per Case By Industries

| <u>Industries</u>           | <u>Per Cent of Total</u> | <u>Average Days Per Case</u> |
|-----------------------------|--------------------------|------------------------------|
| Trade                       | 16.9                     | 90                           |
| Building trades             | 15.9                     | 127                          |
| Miscellaneous               | 11.6                     | 90                           |
| Iron & steel                | 10.9                     | 77                           |
| Domestic & personal service | 8.6                      | 102                          |
| Food                        | 5.6                      | 98                           |
| Express                     | 5.2                      | 117                          |
| Professional service        | 4.0                      | 74                           |
| Transportation, roads       | 4.0                      | 96                           |
| Textiles                    | 2.8                      | 80                           |
| Paper                       | 2.5                      | 60                           |
| Leather                     | 2.2                      | 63                           |
| Lumber                      | 1.4                      | 79                           |
| Metals                      | 1.4                      | 74                           |
| Printing & bookbinding      | 1.3                      | 66                           |
| Clothing                    | 1.2                      | 61                           |
| Agriculture                 | 1.2                      | 93                           |
| Chemicals                   | 1.0                      | 78                           |
| Clay, glass, stone          | 0.7                      | 79                           |
| Others in transportation    | 0.5                      | 86                           |
| Liquors                     | 0.4                      | 51                           |
| Air Transportation          | 0.3                      | 86                           |
| Water transportation        | 0.2                      | 168                          |
| Extraction of minerals      | 0.1                      | 282                          |
| Telephone & telegraph       | 0.1                      | 32                           |
| Totals                      | 100.0                    | 92                           |



A study of the preceding table indicates that the industry "Extraction of minerals" contained the injuries which were of the most severe character, the average days lost per case being 282. This industry had a total of 23 cases with a time loss of 6,475. There was one death in this industry.

The average days lost per case for all industries combined was 92 days.

TABLE V. SEX AND AGE OF INJURED IN TOTAL TABULATABLE INJURIES.

Sex of Injured: The following table indicates that from a total of 64,383 cases, 53,752 or 83.5 per cent occurred among males and 10,631 or 16.5 per cent occurred among females.

Extent of Disability, By Sex

| <u>Extent of Disability</u>    | <u>Males</u>               |                     | <u>Females</u>             |                     |
|--------------------------------|----------------------------|---------------------|----------------------------|---------------------|
|                                | <u>Number<br/>of Cases</u> | <u>Per<br/>Cent</u> | <u>Number<br/>of Cases</u> | <u>Per<br/>Cent</u> |
| Deaths                         | 300                        | 0.6                 | 8                          | 0.1                 |
| Permanent total disabilities   | 2                          | 0.-'*               | -                          | -                   |
| Permanent partial disabilities | 5,827                      | 10.8                | 933                        | 8.8                 |
| Temporary total disabilities   | <u>47,623</u>              | <u>88.6</u>         | <u>9,690</u>               | <u>91.1</u>         |
| Totals                         | 53,752                     | 100.0               | 10,631                     | 100.0               |

\*-' Less than one-tenth of one per cent.

An analysis of the above table shows that males sustained 97.4 per cent of the fatal injuries, and that 0.6 per cent of the total injuries to them were fatal. The fatal injuries to women were 0.1 per cent of the total sustained by them.

There were no permanent total disability injuries to women this year.

Age The age experience for all years is considered by compressing the number by year intervals into groups sufficient for general explanation.

Distribution of Total Tabulatable Injuries, by Age Period

| <u>Age Periods (Year)</u> | <u>Number of Cases</u> | <u>Per Cent</u> |
|---------------------------|------------------------|-----------------|
| 14 and under              | 38                     | 0.1             |
| 15                        | 71                     | 0.1             |
| 16                        | 521                    | 0.8             |
| 17                        | 998                    | 1.5             |
| 18                        | 1,866                  | 2.9             |
| 19                        | 1,923                  | 3.0             |
| 20 to 24 inclusive        | 8,495                  | 13.2            |
| 25 to 29 "                | 7,287                  | 11.3            |
| 30 to 34 "                | 6,490                  | 10.1            |
| 35 to 39 "                | 6,506                  | 10.1            |
| 40 to 44 "                | 7,533                  | 11.7            |
| 45 to 49 "                | 6,507                  | 10.1            |
| 50 to 54 "                | 6,308                  | 9.8             |
| 55 to 59 "                | 4,883                  | 7.6             |
| 60 to 64 "                | 3,346                  | 5.2             |
| 65 to 69 "                | 1,106                  | 1.7             |
| 70 and over               | 505                    | 0.8             |
| Totals                    | 64,383                 | 100.0           |

No comment on the above table seems necessary except to state that the ages from 14 to 20 are given for the benefit of those interested in minors.

TABLE VI. TOTAL TABULATABLE INJURIES, BY INDUSTRIES AND WAGE GROUPS.

No attempt is made in the following table to give the distribution by industries as Table VI in the Appendix contains this information.

Distribution of Tabulatable Injuries, by Wage Groups

| <u>Weekly Wage Groups</u> | <u>Number<br/>of Cases</u> | <u>Per Cent<br/>of Total</u> | <u>Cumulative<br/>Per Cent</u> |
|---------------------------|----------------------------|------------------------------|--------------------------------|
| Under \$42.00             | 2,858                      | 4.4                          | 4.4                            |
| \$42.00 to \$43.99        | 243                        | 0.4                          | 4.8                            |
| \$44.00 to \$45.99        | 351                        | 0.5                          | 5.3                            |
| \$46.00 to \$47.99        | 277                        | 0.4                          | 5.7                            |
| \$48.00 to \$49.99        | 375                        | 0.6                          | 6.3                            |
| \$50.00 to \$51.99        | 874                        | 1.4                          | 7.7                            |
| \$52.00 to \$53.99        | 719                        | 1.1                          | 8.8                            |
| \$54.00 to \$55.99        | 934                        | 1.5                          | 10.3                           |
| \$56.00 to \$57.99        | 905                        | 1.4                          | 11.7                           |
| \$58.00 to \$59.99        | 690                        | 1.1                          | 12.8                           |
| \$60.00 to \$61.99        | 1,612                      | 2.5                          | 15.3                           |
| \$62.00 to \$63.99        | 790                        | 1.2                          | 16.5                           |
| \$64.00 to \$65.99        | 1,259                      | 2.0                          | 18.5                           |
| \$66.00 to \$67.99        | 882                        | 1.4                          | 19.9                           |
| \$68.00 to \$69.99        | 920                        | 1.4                          | 21.3                           |
| \$70.00 to \$71.99        | 1,574                      | 2.4                          | 23.7                           |
| \$72.00 to \$73.99        | 1,094                      | 1.7                          | 25.4                           |
| \$74.00 to \$75.99        | 1,575                      | 2.4                          | 27.8                           |
| \$76.00 to \$77.99        | 1,020                      | 1.6                          | 29.4                           |
| \$78.00 to \$79.99        | 894                        | 1.4                          | 30.8                           |
| \$80.00 to \$81.99        | 2,207                      | 3.4                          | 34.2                           |
| \$82.00 to \$83.99        | 989                        | 1.5                          | 35.7                           |
| \$84.00 to \$85.99        | 1,532                      | 2.4                          | 38.1                           |
| \$86.00 to \$87.99        | 1,150                      | 1.8                          | 39.9                           |
| \$88.00 to \$89.99        | 1,122                      | 1.7                          | 41.6                           |
| \$90.00 and over          | 37,537                     | 58.4                         | 100.0                          |
| Totals                    | 64,383                     | 100.0                        |                                |



The following table, in class intervals of \$5.00, is given for the purpose of breaking down the groups "Under \$42.00" and "90.00 and over."

Distribution of Tabulatable Injuries, by Wage Groups

| <u>Weekly Wage Groups</u> | <u>Number<br/>of Cases</u> | <u>Per Cent<br/>of Total</u> | <u>Cumulative<br/>Per Cent</u> |
|---------------------------|----------------------------|------------------------------|--------------------------------|
| Under \$10.00             | 38                         | 0.1                          | 0.1                            |
| \$10.00 to \$14.99        | 123                        | 0.2                          | 0.3                            |
| \$15.00 to \$19.99        | 184                        | 0.3                          | 0.6                            |
| \$20.00 to \$24.99        | 392                        | 0.6                          | 1.2                            |
| \$25.00 to \$29.99        | 523                        | 0.8                          | 2.0                            |
| \$30.00 to \$34.99        | 682                        | 1.0                          | 3.0                            |
| \$35.00 to \$39.99        | 578                        | 0.9                          | 3.9                            |
| \$40.00 to \$44.99        | 701                        | 1.1                          | 5.0                            |
| \$45.00 to \$49.99        | 883                        | 1.4                          | 6.4                            |
| \$50.00 to \$54.99        | 2,185                      | 3.4                          | 9.8                            |
| \$55.00 to \$59.99        | 1,937                      | 3.0                          | 12.8                           |
| \$60.00 to \$64.99        | 3,029                      | 4.7                          | 17.5                           |
| \$65.00 to \$69.99        | 2,434                      | 3.8                          | 21.3                           |
| \$70.00 to \$74.99        | 3,225                      | 5.0                          | 26.3                           |
| \$75.00 to \$79.99        | 2,932                      | 4.6                          | 30.9                           |
| \$80.00 to \$84.99        | 3,871                      | 6.0                          | 36.9                           |
| \$85.00 to \$89.99        | 3,129                      | 4.9                          | 41.8                           |
| \$90.00 to \$94.99        | 4,019                      | 6.2                          | 48.0                           |
| \$95.00 to \$99.99        | 2,959                      | 4.6                          | 52.6                           |
| \$100.00 to \$104.99      | 4,465                      | 6.9                          | 59.5                           |
| \$105.00 to \$109.99      | 2,656                      | 4.1                          | 63.6                           |
| \$110.00 to \$114.99      | 2,891                      | 4.5                          | 68.1                           |
| \$115.00 to \$119.99      | 2,239                      | 3.5                          | 71.6                           |
| \$120.00 to \$124.99      | 2,741                      | 4.2                          | 75.8                           |
| \$125.00 to \$129.99      | 2,621                      | 4.1                          | 79.9                           |
| \$130.00 and over         | <u>12,946</u>              | <u>20.1</u>                  | 100.0                          |
| Totals                    | 64,383                     | 100.0                        |                                |

The maximum weekly compensation rate of \$58.00 would be payable on wages of \$87.00 a week.

Distribution of Tabulatable Injuries, Under Certain  
Compensation Rates, by Wages

| <u>Weekly<br/>Wage Groups</u> | <u>Number<br/>of Cases</u> | <u>Per Cent<br/>of Total</u> | <u>Compensation<br/>Rate</u> |
|-------------------------------|----------------------------|------------------------------|------------------------------|
| \$00.00 through \$19.99       | 345                        | 0.5                          | Equal to wages*              |
| \$20.00 through \$29.99       | 915                        | 1.4                          | \$20.00                      |
| \$30.00 through \$87.00       | 24,332                     | 37.8                         | 2/3 of wages                 |
| \$87.01 and over              | <u>38,791</u>              | <u>60.3</u>                  | \$58.00                      |
| Totals                        | 64,383                     | 100.0                        |                              |

\*The compensation rate is equal to the average weekly wage but not less than ten dollars where the number of normal working hours of the injured employee in a week are fifteen or more.



TABLE VII. LOCATION OF INJURY, BY NATURE OF INJURY.

The following table shows the distribution of injuries by location of injury.

Distribution of Tabulatable Injuries, by Location of Injury

| <u>Location of Injury</u> | <u>Number of Cases</u> | <u>Per Cent</u> |
|---------------------------|------------------------|-----------------|
| Upper extremities         | 21,541                 | 33.5            |
| Trunk                     | 19,727                 | 30.6            |
| Lower extremities         | 15,655                 | 24.3            |
| Head                      | 4,040                  | 6.3             |
| Face and neck             | 2,160                  | 3.3             |
| Body                      | 1,260                  | 2.0             |
| Totals                    | 64,383                 | 100.0           |

It will be observed that out of 64,383 injuries, 21,541 or 33.5 per cent affected the upper extremities.

From the medical aspect in particular, and for information in general, the following table, which shows the number of tabulatable injuries by location and nature of injury, will prove of interest.

Distribution of Tabulatable Injuries, by Location and Nature of Injury

| <u>Nature of Injury</u>            | <u>Head</u> | <u>Face<br/>and<br/>Neck</u> | <u>Trunk</u> | <u>Upper<br/>Extrem-<br/>ities</u> | <u>Lower<br/>Extrem-<br/>ities</u> | <u>Body</u> | <u>Total</u> |
|------------------------------------|-------------|------------------------------|--------------|------------------------------------|------------------------------------|-------------|--------------|
| Sprains & strains                  | 4           | 436                          | 16,029       | 3,404                              | 4,386                              | 4           | 24,263       |
| Bruises, contusions,<br>abrasions  | 1,182       | 322                          | 2,077        | 3,306                              | 5,489                              | 127         | 12,503       |
| Cuts, punctures,<br>lacerations    | 1,178       | 454                          | 97           | 6,703                              | 1,805                              | 9           | 10,246       |
| Fractures                          | 63          | 94                           | 738          | 1,854                              | 2,137                              | 11          | 4,897        |
| Disfigurement                      | 114         | 328                          | 156          | 2,108                              | 531                                | 21          | 3,258        |
| Partial loss of function           | 22          | 36                           | 492          | 1,652                              | 538                                | 7           | 2,747        |
| Burns & scalds                     | 441         | 228                          | 57           | 906                                | 387                                | 15          | 2,034        |
| All other                          | 673         | 27                           | 60           | 347                                | 263                                | 151         | 1,521        |
| Occupational diseases              | 40          | 151                          | 10           | 631                                | 51                                 | 373         | 1,256        |
| Amputation or total<br>loss of use | 40          | 84                           | -            | 486                                | 37                                 | -           | 647          |
| Heart                              | -           | -                            | -            | -                                  | -                                  | 500         | 500          |
| Concussions                        | 257         | -                            | -            | -                                  | -                                  | -           | 257          |
| Dislocations                       | -           | -                            | 11           | 144                                | 31                                 | -           | 186          |
| Electric Shock                     | -           | -                            | -            | -                                  | -                                  | 42          | 42           |
| Partial loss of vision             | 26          | -                            | -            | -                                  | -                                  | -           | 26           |
| Totals                             | 4,040       | 2,160                        | 19,727       | 21,541                             | 15,655                             | 1,260       | 64,383       |

TABLE VIII. LOCATION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

This table shows the tabulatable injuries by nature of injury and duration of disability, including the percentage distribution. The location of injury is not given in this analysis.

Total Tabulatable Injuries, by Nature of Injury and  
Extent of Disability, Including Percentage Distribution

| Nature of Injury                    | Totals | Per<br>Cent | Deaths | Disabilities       |                      |                    |
|-------------------------------------|--------|-------------|--------|--------------------|----------------------|--------------------|
|                                     |        |             |        | Permanent<br>Total | Permanent<br>Partial | Temporary<br>Total |
| Sprains & strains                   | 24,263 | 37.7        | 1      | -                  | 37                   | 24,225             |
| Bruises, contusions,<br>abrasions   | 12,503 | 19.4        | 5      | -                  | 1                    | 12,497             |
| Cuts, punctures,<br>lacerations     | 10,246 | 15.9        | 3      | -                  | -                    | 10,243             |
| Fractures                           | 4,897  | 7.6         | 63     | 1                  | 9                    | 4,824              |
| Disfigurement                       | 3,258  | 5.1         | 1      | -                  | 3,257                | -                  |
| Partial loss of function            | 2,747  | 4.3         | 1      | -                  | 2,746                | -                  |
| Burns & scalds                      | 2,034  | 3.1         | 6      | -                  | 1                    | 2,027              |
| All other                           | 1,521  | 2.4         | 30     | 1                  | 9                    | 1,481              |
| Occupational disease                | 1,256  | 1.9         | 13     | -                  | 3                    | 1,240              |
| Amputation, or total<br>loss of use | 647    | 1.0         | 2      | -                  | 645                  | -                  |
| Heart                               | 500    | 0.8         | 170    | -                  | 26                   | 304                |
| Concussions                         | 257    | 0.4         | 4      | -                  | -                    | 253                |
| Dislocations                        | 186    | 0.3         | -      | -                  | -                    | 186                |
| Electric shock                      | 42     | 0.1         | 9      | -                  | -                    | 33                 |
| Partial loss of vision              | 26     | 0.-'*       | -      | -                  | 26                   | -                  |
| Totals                              | 64,383 | 100.0       | 308    | 2                  | 6,760                | 57,313             |

\* -' Less than one-tenth of one per cent.



TABLE IX. INFECTION, BY NATURE OF INJURY AND EXTENT OF DISABILITY.

Infection, by Nature of Injury and Extent of Disability

| <u>Nature of Injury</u>        | <u>Totals</u> | <u>Deaths</u> | <u>Permanent<br/>Partial<br/>Disabilities</u> | <u>Temporary<br/>Total<br/>Disabilities</u> |
|--------------------------------|---------------|---------------|---|---|
| Cuts, punctures, lacerations   | 1,192         | -             | -   | 1,192                                       |
| Bruises, contusions, abrasions | 109           | 1             | -   | 108   |
| Burns & scalds                 | 47            | -             | -   | 47  |
| All other                      | 13            | -             | -   | 13  |
| Sprains & strains              | 7             | -             | -   | 7   |
| Occupational diseases          | <u>1</u>      | <u>-</u>      | <u>-</u>                                      | <u>1</u>                                    |
| Totals                         | 1,369         | 1             | -   | 1,368                                       |

According to the above table, 1,369 cases of infection ensued from injuries. This is 2.1 per cent of the total tabulatable injuries.

There were no instances of permanent total disability for this table in 1966.

THE FOLLOWING TABLE SHOWS THE DISTRIBUTION OF OCCUPATIONAL DISEASE CASES INVOLVING THE EXTENT OF DISABILITY, AND INDICATES THAT "DERMATITIS" CONTAINED THE GREATEST NUMBER

OCCUPATIONAL DISEASES, INVOLVING TEMPORARY TOTAL DISABILITY  
JANUARY 1, 1966 TO DECEMBER 31, 1966

| INDUSTRY                | TOTALS |          |              | ALL OTHER |          |              | ANTH-RAX | DERMATITIS |          |              | ECZEMA |
|-------------------------|--------|----------|--------------|-----------|----------|--------------|----------|------------|----------|--------------|--------|
|                         | 1 TO 7 | 8 TO 182 | 183 AND OVER | 1 TO 7    | 8 TO 182 | 183 AND OVER | 1 TO 182 | 1 TO 7     | 8 TO 182 | 183 AND OVER | 1 TO 7 |
| MISCELLANEOUS.....      | 108    | 129      | 13           | 10        | 6        | 3            | -        | 57         | 103      | 7            | -      |
| IRON & STEEL.....       | 55     | 105      | 7            | 4         | 4        | 1            | -        | 41         | 80       | 2            | -      |
| DOMESTIC SERVICE.....   | 42     | 71       | 8            | 11        | 5        | 2            | -        | 21         | 58       | 4            | 1      |
| TRADE.....              | 34     | 59       | 7            | 3         | 3        | 2            | -        | 16         | 41       | 3            | -      |
| BUILDING TRADES.....    | 35     | 40       | 7            | 1         | 2        | 1            | -        | 11         | 20       | 3            | -      |
| LEATHER.....            | 23     | 47       | 7            | -         | 4        | 1            | -        | 23         | 42       | 5            | -      |
| PROFESSIONAL SERVICE..  | 24     | 43       | 7            | 6         | 15       | 1            | -        | 8          | 21       | 2            | -      |
| TEXTILES.....           | 15     | 30       | 3            | 3         | 2        | -            | -        | 12         | 19       | -            | -      |
| CHEMICALS.....          | 19     | 27       | 2            | 1         | 2        | -            | -        | 8          | 16       | 1            | -      |
| METALS.....             | 15     | 30       | 2            | 2         | 2        | -            | -        | 10         | 25       | 2            | -      |
| AGRICULTURE.....        | 26     | 19       | 1            | 1         | 2        | 1            | 1        | 18         | 12       | -            | -      |
| FOOD.....               | 9      | 32       | 4            | 4         | 3        | 2            | -        | 4          | 28       | -            | -      |
| TRANSPORTATION, ETC...  | 22     | 20       | -            | 4         | 3        | -            | -        | 5          | 7        | -            | -      |
| CLOTHING.....           | 7      | 13       | 1            | 1         | -        | -            | -        | 6          | 12       | 1            | -      |
| PAPER.....              | 7      | 13       | -            | 1         | -        | -            | -        | 5          | 7        | -            | -      |
| PRINT/BOOKBINDING....   | 5      | 8        | 1            | -         | 1        | -            | -        | 4          | 7        | -            | -      |
| EXPRESS, TRUCKING.....  | 3      | 8        | 1            | -         | 2        | -            | -        | 2          | 4        | -            | -      |
| LUMBER.....             | 2      | 10       | -            | -         | 1        | -            | -        | 1          | 8        | -            | -      |
| CLAY, GLASS, STONE..... | 2      | 1        | 2            | -         | -        | -            | -        | 1          | 1        | -            | -      |
| AIR TRANSPORTATION...   | -      | 4        | -            | -         | 2        | -            | -        | -          | 1        | -            | -      |
| OTHERS IN TRANSP.....   | 1      | 1        | 1            | -         | 1        | -            | -        | -          | -        | -            | -      |
| TEL AND TEL.....        | -      | 1        | -            | -         | -        | -            | -        | -          | 1        | -            | -      |
| LIQUORS.....            | -      | 1        | -            | -         | -        | -            | -        | -          | -        | -            | -      |
| TOTALS                  | 454    | 712      | 74           | 52        | 60       | 14           | 1        | 253        | 513      | 30           | 1      |



THE FOLLOWING TABLE SHOWS THE DISTRIBUTION OF TOTAL TABULATABLE OCCUPATIONAL DISEASES,

OCCUPATIONAL DISEASES, BY INDUSTRY AND EXTENT OF DISABILITY, JANUARY 1940

(F STANDS FOR FATAL; PT STANDS FOR PERMANENT TOTAL DISABILITY; PP STANDS FOR PERMANENT TEMPORARY TOTAL DISABILITY.)

| INDUSTRY                    | TOTALS |    |       | ALL OTHERS |    |     | ANTH-RAX | DERMA-TITIS | EC  |
|-----------------------------|--------|----|-------|------------|----|-----|----------|-------------|-----|
|                             | F      | PP | TT    | F          | PP | TT  | TT       | PP          | TT  |
| MISCELLANEOUS.....          | 4      | -  | 250   | 3          | -  | 19  | -        | -           | 167 |
| IRON AND STEEL.....         | 2      | 1  | 167   | -          | 1  | 9   | -        | -           | 123 |
| DOMESTIC SERVICE.....       | 1      | -  | 121   | -          | -  | 18  | -        | -           | 83  |
| TRADE.....                  | 2      | -  | 100   | 1          | -  | 8   | -        | -           | 60  |
| BUILDING.....               | 1      | -  | 82    | -          | -  | 4   | -        | -           | 34  |
| LEATHER.....                | -      | -  | 77    | -          | -  | 5   | -        | -           | 70  |
| PROFESSIONAL SERVICE.....   | -      | 1  | 74    | -          | -  | 22  | -        | 1           | 31  |
| TEXTILES.....               | 1      | -  | 48    | -          | -  | 5   | -        | -           | 31  |
| METALS.....                 | 1      | -  | 47    | -          | -  | 4   | -        | -           | 37  |
| CHEMICALS.....              | -      | -  | 48    | -          | -  | 3   | -        | -           | 25  |
| AGRICULTURE.....            | -      | -  | 46    | -          | -  | 4   | 1        | -           | 30  |
| FOOD.....                   | -      | -  | 45    | -          | -  | 9   | -        | -           | 32  |
| TRANSPORTATION, ROADS, ETC. | -      | -  | 42    | -          | -  | 7   | -        | -           | 12  |
| CLOTHING.....               | -      | -  | 21    | -          | -  | 1   | -        | -           | 19  |
| PAPER.....                  | -      | -  | 20    | -          | -  | 1   | -        | -           | 12  |
| PRINTING AND BOOKBINDING... | -      | -  | 14    | -          | -  | 1   | -        | -           | 11  |
| LUMBER.....                 | -      | -  | 12    | -          | -  | 1   | -        | -           | 9   |
| EXPRESS COMPANIES.....      | -      | -  | 12    | -          | -  | 2   | -        | -           | 6   |
| CLAY, GLASS, STONE.....     | -      | 1  | 5     | -          | -  | -   | -        | -           | 2   |
| AIR TRANSPORTATION.....     | -      | -  | 4     | -          | -  | 2   | -        | -           | 1   |
| OTHERS IN TRANSPORTATION... | -      | -  | 3     | -          | -  | 1   | -        | -           | -   |
| TELEPHONE AND TELEGRAPH.... | -      | -  | 1     | -          | -  | -   | -        | -           | 1   |
| LIQUORS.....                | -      | -  | 1     | -          | -  | -   | -        | -           | -   |
| EXTRACTION OF MINERALS..... | 1      | -  | -     | -          | -  | -   | -        | -           | -   |
| TOTALS                      | 13     | 3  | 1,240 | 4          | 1  | 126 | 1        | 1           | 796 |

THIS YEAR "MISCELLANEOUS" HAD THE GREATEST NUMBER OF INJURIES, 254 OR 20.2 PER CENT. "DERMATITIS" WAS THE CAUSE OF INJURY IN 167 CASES.

THE OCCUPATIONAL DISEASE HAVING THE GREATEST NUMBER OF INJURIES WAS "DERMATITIS" DISEASE CASES.

TABLE X. CAUSES OF INJURIES, BY EXTENT OF DISABILITY.

This table presents the accident experience with such detail as resources permit, showing by detailed causes the relative extent of different types of injuries due to assigned causes. The table also shows the weighted severity of injuries, based on time loss.

For each cause enumerated, the following information is given:

| Number of Tabulatable Injuries | Days Lost Due To               |
|--------------------------------|--------------------------------|
| Total cases                    | Total cases                    |
| Deaths                         | Deaths                         |
| Permanent total disabilities   | Permanent total disabilities   |
| Permanent partial disabilities | Permanent partial disabilities |
| Temporary total disabilities   | Temporary total disabilities   |
| 7 days and under               | 7 days and under               |
| 1 to 2 weeks                   | 1 to 2 weeks                   |
| 2 to 3 weeks                   | 2 to 3 weeks                   |
| over 3 weeks                   | over 3 weeks                   |

Condensed information of the detailed table follows:

Total Tabulatable Injuries, by Cause of Injury and Extent of Disability

| Cause of Injury                          | Totals | Deaths | Disabilities    |                   |                 |
|--|--------|--------|-----------------|-------------------|-----------------|
|  |        |        | Permanent Total | Permanent Partial | Temporary Total |
| Handling of objects                      | 24,986 | 140    | -               | 1,583             | 23,263          |
| Falls of persons                         | 11,572 | 20     | 1               | 858               | 10,693          |
| Stepping on or striking against objects  | 5,849  | 5      | 1               | 543               | 5,300           |
| Machinery                                | 5,633  | 21     | -               | 2,037             | 3,575           |
| Miscellaneous                            | 3,876  | 39     | -               | 241               | 3,596           |
| Vehicles                                 | 3,495  | 48     | -               | 318               | 3,129           |
| Hand tools                               | 2,776  | 1      | -               | 512               | 2,263           |
| Explosions                               | 2,621  | 14     | -               | 454               | 2,153           |
| Falling objects, not handled by employee | 2,126  | 7      | -               | 202               | 1,917           |
| Occupational diseases                    | 1,256  | 13     | -               | 3                 | 1,240           |
| Animals                                  | 193    | -      | -               | 9                 | 184             |
| Totals                                   | 64,383 | 308    | 2               | 6,760             | 57,313          |

The above table, in condensed form, shows for each printed cause group the total number of injuries and the distribution by extent of the resulting disability.



### Distribution of Causes, by Per Cent

| Cause of Injury                          | Totals | Deaths | Disabilities    |                   |                 |
|--|--------|--------|-----------------|-------------------|-----------------|
|  |        |        | Permanent Total | Permanent Partial | Temporary Total |
| Handling of objects                      | 38.8   | 45.5   | -               | 23.4              | 40.6            |
| Falls of persons                         | 18.0   | 6.5    | 50.0            | 12.7              | 18.7            |
| Stepping on or striking against objects  | 9.1    | 1.6    | 50.0            | 8.0               | 9.2             |
| Machinery                                | 8.7    | 6.8    | -               | 30.2              | 6.2             |
| Miscellaneous                            | 6.0    | 12.7   | -               | 3.6               | 6.3             |
| Vehicles                                 | 5.4    | 15.6   | -               | 4.7               | 5.5             |
| Hand tools                               | 4.3    | 0.3    | -               | 7.6               | 3.9             |
| Explosions                               | 4.1    | 4.5    | -               | 6.7               | 3.7             |
| Falling objects, not handled by employee | 3.3    | 2.3    | -               | 3.0               | 3.3             |
| Occupational diseases                    | 2.0    | 4.2    | -               | 0.-'*             | 2.2             |
| Animals                                  | 0.3    | -      | -               | 0.1               | 0.4             |
| Totals                                   | 100.0  | 100.0  | 100.0           | 100.0             | 100.0           |

The causes which continue to have the highest number of accidents are "Handling of objects" with 38.8 per cent, and "Falls of persons" with 18.0 per cent.

### Distribution of Causes, by Resultant Days Lost

| Cause of Injury                          | Totals    | Deaths    | Disabilities    |                   |                 |
|--|-----------|-----------|-----------------|-------------------|-----------------|
|  |           |           | Permanent Total | Permanent Partial | Temporary Total |
| Handling of objects                      | 2,349,550 | 840,000   | -               | 503,579           | 1,005,971       |
| Falls of persons                         | 1,130,640 | 120,000   | 6,000           | 421,874           | 582,766         |
| Machinery                                | 563,481   | 126,000   | -               | 333,377           | 104,104         |
| Vehicles                                 | 536,108   | 288,000   | -               | 116,581           | 131,527         |
| Miscellaneous                            | 416,388   | 234,000   | -               | 59,705            | 122,683         |
| Stepping on or striking against objects  | 251,631   | 30,000    | 6,000           | 83,928            | 131,703         |
| Explosions                               | 172,593   | 84,000    | -               | 54,633            | 33,960          |
| Falling objects, not handled by employee | 165,145   | 42,000    | -               | 50,369            | 72,776          |
| Occupational diseases                    | 149,193   | 78,000    | -               | 9,000             | 62,193          |
| Hand tools                               | 73,865    | 6,000     | -               | 37,768            | 30,097          |
| Animals                                  | 2,612     | -         | -               | 379               | 2,233           |
| Totals                                   | 5,811,206 | 1,848,000 | 12,000          | 1,671,193         | 2,280,013       |

As indicated on the preceding page, the most serious cause of injury as measured in terms of time loss is "Handling of objects" with 40.4 per cent of the total. The estimated time loss on this account, as shown by the table, is 2,349,550 days or 162,788 days more than last year.

Average Time Loss Per Case, by Principal Causes

| <u>Cause of Injury</u>                  | <u>Per Cent<br/>of Total</u> | <u>Average Days<br/>Per Case</u> |
|---|------------------------------|----------------------------------|
| Handling of objects                     | 40.4                         | 94                               |
| Falls of persons                        | 19.4                         | 98                               |
| Machinery                               | 9.7                          | 100                              |
| Vehicles                                | 9.2                          | 153                              |
| Miscellaneous                           | 7.2                          | 107                              |
| Stepping on or striking against objects | 4.3                          | 43                               |
| Explosions, fires, etc.                 | 3.0                          | 66                               |
| Falling objects not handled by employee | 2.8                          | 78                               |
| Occupational diseases                   | 2.6                          | 119                              |
| Hand tools                              | 1.3                          | 27                               |
| Animals                                 | 0.1                          | 14                               |
| Totals                                  | 100.0                        | 90                               |

In considering these figures, the fact should be remembered that the units cover all cases, including deaths, permanent total, permanent partial, and temporary total disabilities. If more detailed analysis is desired to meet particular questions, reference should be made to the appendix under this table heading.



TABLE XI. MACHINERY, FREQUENCY OF INJURIES, BY MANNER OF OCCURRENCE AND BY PART OF MACHINE.

The number of machine accidents, according to the cause and the percentage of the total, is given in the following table:

Machine Accidents, by Manner of Occurrence

| <u>Manner of Occurrence</u>              | <u>Number<br/>of Cases</u> | <u>Per Cent<br/>of Total</u> |
|--|----------------------------|------------------------------|
| Starting, stopping, or operating machine | 3,498                      | 62.1                         |
| All other                                | 649                        | 11.5                         |
| Adjusting machine, tool, or work         | 558                        | 9.9                          |
| Cleaning or oiling machine               | 367                        | 6.5                          |
| Flying objects                           | 324                        | 5.8                          |
| Breaking of machine, tool, or work       | 148                        | 2.6                          |
| Repairing machine                        | 89                         | 1.6                          |
| Totals                                   | 5,633                      | 100.0                        |

Of the 5,633 accidents, 3,498 or 62.1 per cent occurred while "Starting, stopping, or operating machine," 3,104 occurring at "Point of operation."

Further analysis of the table is given in the following summary which shows the part of the machine on which the injury occurred.

Machine Accidents, by Part of Machine

| <u>Part of Machine</u>     | <u>Number<br/>of Cases</u> | <u>Per Cent<br/>of Total</u> |
|----------------------------|----------------------------|------------------------------|
| Point of operation         | 3,104                      | 55.2                         |
| Miscellaneous              | 1,658                      | 29.4                         |
| Belts                      | 633                        | 11.1                         |
| Cranks or eccentrics       | 99                         | 1.8                          |
| Gears                      | 84                         | 1.5                          |
| Flywheels                  | 37                         | 0.7                          |
| Counterweights             | 10                         | 0.2                          |
| Set screws, keys, or bolts | 8                          | 0.1                          |
| Totals                     | 5,633                      | 100.0                        |

TABLE XIII. CONJUGAL CONDITION AND DEPENDENCY IN CASES OF FATAL INJURIES.

The conjugal condition of the employees fatally injured and the extent of dependency according to the number of persons dependent are considered in the following analysis:

Conjugal Condition in Fatal Cases

| <u>Condition</u> | <u>Number<br/>of Cases</u> | <u>Per Cent<br/>of Total</u> |
|------------------|----------------------------|------------------------------|
| Single           | 17                         | 5.6                          |
| Married          | 280                        | 90.9                         |
| Widowed          | 9                          | 2.9                          |
| Divorced         | 2                          | 0.6                          |
| Totals           | 308                        | 100.0                        |

Of the 17 cases in which the employees were single, 7 had total dependents, 1 had partial dependents, and 9 had no dependents.

Total dependency was involved in all of the 280 cases where the employee was married, and 1 of these cases had both total and partial dependency.

There were 9 cases involving widowed employees, 1 of which left total dependents and the remaining 8 left no dependents.

Of the 2 divorced employees, 1 left total dependents and the other left no dependents.

A total of 586 dependents were left in 308 cases. Of these, 584 were totally dependent and 2 were partially dependent.



TABLE XIV. SPECIFIC INJURY CASES, BY AGE OF PERSONS INJURED.

This table indicates that there were 673 cases of specific injuries. In 116 cases or 17.2 per cent, the employees were more than 55 years of age. There was 1 case in which the employee was under 16 years of age. The number of specific injuries to employees under the age of 18 was 15, as compared with 11 in 1965.

| <u>Type of Injury</u>  | <u>Number<br/>of Cases</u> | <u>Per<br/>Cent</u> |
|--|----------------------------|---------------------|
| Major index, one phalange; or one finger or thumb, minor hand; or middle, ring, or little finger, major hand | 354                        | 52.6                |
| Teeth  | 85                         | 12.6                |
| One eye  | 39                         | 5.8                 |
| Two or more fingers on major or minor hand; or thumb on minor hand, two phalanges                            | 36                         | 5.3                 |
| Major thumb, one phalange  | 32                         | 4.8                 |
| Partial loss of vision   | 26                         | 3.9                 |
| Major index, two or three phalanges  | 23                         | 3.4                 |
| Major index, two phalanges or more, and one or more fingers, same hand                                       | 11                         | 1.6                 |
| Major arm, below elbow   | 7                          | 1.0                 |
| Minor arm, below elbow   | 7                          | 1.0                 |
| Major thumb, two phalanges   | 7                          | 1.0                 |
| One foot or leg, below knee  | 6                          | 0.9                 |
| Great toe, one phalange  | 6                          | 0.9                 |
| Entire great toe   | 5                          | 0.7                 |
| Lesser toe, one phalange   | 5                          | 0.7                 |
| Two or more toes, one foot   | 5                          | 0.7                 |
| Leg, above knee  | 4                          | 0.6                 |
| Entire lesser toe  | 4                          | 0.6                 |
| Major thumb, one phalange and one or more fingers  | 3                          | 0.4                 |
| Both hands, or one hand and one arm  | 2                          | 0.3                 |
| Major arm, above elbow   | 1                          | 0.2                 |
| Hearing, both ears   | 1                          | 0.2                 |
| One foot or leg and two or more toes   | 1                          | 0.2                 |
| Two or more fingers, or thumbs and fingers on both hands   | 1                          | 0.2                 |
| Major thumb, two phalanges and major index, two phalanges  | 1                          | 0.2                 |
| Major thumb, two phalanges and one or more fingers   | 1                          | 0.2                 |
| Totals   | 673                        | 100.0               |

The group "Major index, one phalange; or one finger or thumb, minor hand; or middle, ring, or little finger, major hand" is the largest numerically of all the groups classified in this table. Included in this classification are all finger injuries (except those occurring to the major thumb and to two or more phalanges of the major index finger) in which there is a loss either by amputation or the equivalent loss of use of less than two phalanges of one or more fingers.



TABLE XV. SPECIFIC INJURY CASES, BY CAUSES.

Of the 673 specific injury cases, 410 or 60.9 per cent occurred on machinery.

Of the 354 injuries to "Major index, one phalange; or one finger or thumb, minor hand; or middle, ring, or little finger, major hand" 272 were due to machinery accidents, 194 or 71.3 per cent occurring at the "point of operation."

Percentage Distribution of Specific Injury Cases by Causes

| <u>Cause of Injury</u>                  | <u>Number of Cases</u> | <u>Per Cent of Total</u> |
|---|------------------------|--------------------------|
| Machinery                               | 410                    | 60.9                     |
| Handling of objects                     | 83                     | 12.3                     |
| Hand tools                              | 56                     | 8.3                      |
| Stepping on or striking against objects | 39                     | 5.8                      |
| Vehicles                                | 26                     | 3.9                      |
| Falling objects not handled by employee | 18                     | 2.7                      |
| Miscellaneous                           | 16                     | 2.4                      |
| Falls of persons                        | 13                     | 1.9                      |
| Explosions, fires, etc.                 | 12                     | 1.8                      |
| Totals                                  | 673                    | 100.0                    |

The following table shows the cause of injury in specific eye cases:

Cause of Injury in Specific Eye Cases

| <u>Cause of Injury</u>                  | <u>Number of Cases</u> |
|---|------------------------|
| Hand tools                              | 18                     |
| Handling of objects                     | 15                     |
| Explosions, fires, etc.                 | 8                      |
| Stepping on or striking against         | 7                      |
| Machinery                               | 6                      |
| Miscellaneous causes                    | 6                      |
| Falling objects not handled by employee | 3                      |
| Falls of persons                        | 2                      |
| Total                                   | 65                     |

The above included 26 cases of permanent partial reduction of vision, 5 of which occurred in use of hand tools and 5 also in stepping on or striking against objects; handling of objects accounted for 4 cases as did explosions, fires, etc.; machinery and miscellaneous causes were responsible for 3 cases each; and falls of persons and falling objects not handled by employee accounted for one each.

THE FOLLOWING TABLE SHOWS, FOR THE PERIODS INDICATED, THE NUMBER OF NON-FATAL CASES IN WHICH THE MAXIMUM AMOUNT OF COMPENSATION WAS PAID UNDER S. 34, THE YEAR IN WHICH THE ACCIDENT OCCURRED, AND THE TYPE OF DISABILITY INCURRED.

PERIOD IN WHICH COMPENSATION ENDED  
AND TYPE OF COMPENSATION PAID

PERIOD IN WHICH ACCIDENT OCCURRED  
YEARS ENDING DECEMBER 31\*

| YEAR ENDING JUNE 30, 1934<br>TO DECEMBER 31, 1963            | 1918<br>TO |      |      |      |      |      |      |      |      |      |      |      |      | TOTALS |
|--|------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
|  | 1948       | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 |        |
| TOTAL ONLY   | 955        | 33   | 14   | 22   | 21   | 13   | 8    | 10   | 11   | 17   | 15   | -    | -    | 1,119  |
| TOTAL AND PARTIAL  | 367        | 3    | 2    | 5    | 6    | 9    | 6    | 5    | 5    | 3    | 3    | -    | -    | 414    |
| TOTAL AND SPECIFIC   | 305        | 4    | 15   | 19   | 19   | 14   | 19   | 14   | 16   | 14   | 8    | -    | -    | 447    |
| TOTAL, PARTIAL AND SPECIFIC                                  | 153        | 2    | 5    | 8    | 7    | 6    | 3    | 3    | 4    | 7    | 3    | -    | -    | 201    |
| PARTIAL ONLY   | 7          | -    | 1    | 1    | -    | 1    | -    | -    | 1    | -    | -    | -    | -    | 11     |
| TOTALS   | 1,787      | 42   | 37   | 55   | 53   | 43   | 36   | 32   | 37   | 41   | 29   | -    | -    | 2,192  |
| <u>YEAR ENDING DECEMBER 31, 1964</u>                         |            |      |      |      |      |      |      |      |      |      |      |      |      |        |
| TOTAL ONLY   | -          | -    | -    | -    | -    | 1    | 2    | -    | 1    | -    | 4    | 10   | -    | 18     |
| TOTAL AND PARTIAL  | -          | -    | -    | -    | -    | 1    | -    | -    | -    | 1    | -    | -    | -    | 2      |
| TOTAL AND SPECIFIC   | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | 3    | 10   | -    | 13     |
| TOTAL, PARTIAL AND SPECIFIC                                  | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | 3    | 2    | -    | 5      |
| PARTIAL ONLY   | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -      |
| TOTALS   | -          | -    | -    | -    | -    | 2    | 2    | -    | 1    | 1    | 10   | 22   | -    | 38     |
| <u>YEAR ENDING DECEMBER 31, 1965</u>                         |            |      |      |      |      |      |      |      |      |      |      |      |      |        |
| TOTAL ONLY   | -          | 1    | -    | -    | -    | -    | -    | 2    | -    | 3    | 3    | 3    | -    | 12     |
| TOTAL AND PARTIAL  | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | 1    | 1    | -    | 2      |
| TOTAL AND SPECIFIC   | -          | -    | -    | 1    | -    | -    | 1    | 1    | 1    | -    | 4    | 5    | -    | 13     |
| TOTAL, PARTIAL AND SPECIFIC                                  | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 1    | -    | 1      |
| PARTIAL ONLY   | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -      |
| TOTALS   | -          | 1    | -    | 1    | -    | -    | 1    | 3    | 1    | 3    | 8    | 10   | -    | 28     |
| <u>YEAR ENDING DECEMBER 31, 1966</u>                         |            |      |      |      |      |      |      |      |      |      |      |      |      |        |
| TOTAL ONLY   | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 3    | 8    | 11     |
| TOTAL AND PARTIAL  | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -      |
| TOTAL AND SPECIFIC   | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | 1    | 2    | 8    | 11     |
| TOTAL, PARTIAL AND SPECIFIC                                  | -          | -    | -    | 1    | -    | -    | -    | -    | -    | -    | -    | 1    | 2    | 4      |
| PARTIAL ONLY   | -          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -      |
| TOTALS   | -          | -    | -    | 1    | -    | -    | -    | -    | -    | -    | 1    | 6    | 18   | 26     |
| GRAND TOTALS   | 1,787      | 43   | 37   | 57   | 53   | 45   | 39   | 35   | 39   | 45   | 48   | 38   | 18   | 2,284  |
| PREVIOUS TO JULY 1, 1938 THE FISCAL YEAR ENDED ON JUNE 30TH. |            |      |      |      |      |      |      |      |      |      |      |      |      |        |



Maximum Payment Cases, by Type of Disability and Percentage Distribution  
July 1, 1933 to December 31, 1966

| <u>Type of Disability</u>   | <u>Number of Cases</u> | <u>Per Cent</u> |
|-----------------------------|------------------------|-----------------|
| Total only                  | 1,160                  | 50.8            |
| Total and partial           | 418                    | 18.3            |
| Total and specific          | 484                    | 21.2            |
| Total, partial and specific | 211                    | 9.2             |
| Partial only                | 11                     | 0.5             |
| Totals                      | 2,284                  | 100.0           |

During the thirty-three and one-half years covered by the above table, there were 2,284 non-fatal cases in which the maximum compensation payable under Sec. 34 and/or Sec. 35 of the Workmen's Compensation Act was paid. In 1,603 of these cases the employees were still receiving total disability compensation at the time maximum was reached.

Of the 2,284 maximum payment cases, 1,435 occurred after September 19, 1935, the date upon which Sec. 34a became effective. Under this section the employees in these cases would have rights to disability compensation for life if they prove they are permanently disabled. The present status of these cases is as follows:

Status of Possible S. 34a Cases

| <u>Status of Cases</u>  | <u>Number of Cases</u> |
|---|------------------------|
| Sec. 34a payments made  | 836                    |
| Sec. 34a lump sum settlement made                             | 146                    |
| Sec. 34a claim dismissed                                      | 32                     |
| Sec. 34a claim withdrawn                                      | 11                     |
| Employee died from causes not due to injury                   | 17                     |
| Employee retired on pension                                   | 16                     |
| Employee returned to work                                     | 90                     |
| No further information available; no action taken by employee | 292                    |
| Total   | 1,440                  |

Of the 836 cases on which Sec. 34a weekly payments were made, 5 employees have returned to work; 25 have received lump sum settlements; in 4 cases payments were discontinued by the Board; 161 employees have died; and payments are still being made in 641 cases.



The following table shows the type of injury in cases where payments under Sec. 34a were made. Injuries which resulted in the amputation or loss of use of a member of the body are classified according to the dismemberment.

Maximum Payment Cases in Which Sec. 34a Weekly Payments Were Made

| <u>Type of Injury</u>   | <u>Number of Cases</u> |
|---|------------------------|
| Head, fractures   | 25                     |
| Head, all other   | 35                     |
| One eye, loss of vision   | 19*                    |
| Both eyes, loss of vision   | 7                      |
| Trunk, fractures or dislocations                                  | 114                    |
| Trunk, all other  | 133                    |
| One hand or arm, amputation or loss of use                        | 38                     |
| Both hands or arms, amputation or loss of use                     | 10                     |
| One hand or arm, all other  | 20                     |
| Both hands or arms, all other                                     | 5                      |
| One foot or leg, amputation or loss of use                        | 56**                   |
| Both feet or legs, amputation or loss of use                      | 29***                  |
| One foot or leg, all other  | 116                    |
| Both feet or legs, all other                                      | 14                     |
| Both legs and arms, amputation or loss of use                     | 5                      |
| Arm and leg, amputation or loss of use                            | 9                      |
| Arm and leg, all other  | 6                      |
| Multiple fractures  | 39                     |
| Mercury poisoning   | 2                      |
| Carbon tetrachloride poisoning                                    | 2                      |
| Pulmonary tuberculosis, silicosis, pneumoconiosis,<br>berylliosis | 77                     |
| Other occupational diseases                                       | 18                     |
| All other   | 31                     |
| Heart injuries  | 26                     |
| Total   | 836                    |

\* Includes 9 cases of previous loss of sight in other eye.

\*\* Includes 1 case of previous loss of sight in one eye and serious back injuries.

\*\*\* Includes 1 case of previous loss of left hand.

Maximum Compensation Cases in Which the Last Payment Was Made During  
the Year January 1, 1966 to December 31, 1966, by Location  
and Nature of Injury and by Type of Disability

| <u>Location and Nature of Injury</u>    | <u>Type of Disability</u> |                          |                           |                                    | <u>Total Cases</u> |
|---|---------------------------|--------------------------|---------------------------|------------------------------------|--------------------|
|   | <u>Total Only</u>         | <u>Total and Partial</u> | <u>Total and Specific</u> | <u>Total, Partial and Specific</u> |                    |
| <u>Sprains and Strains</u>              |                           |                          |                           |                                    |                    |
| Trunk                                   | 3                         | -                        | 2                         | -                                  | 5                  |
| <u>Bruises, Contusions, Abrasions</u>   |                           |                          |                           |                                    |                    |
| Head                                    | 1                         | -                        | 1                         | -                                  | 2                  |
| Trunk                                   | -                         | -                        | 1                         | -                                  | 1                  |
| <u>Concussions</u>                      |                           |                          |                           |                                    |                    |
| Head                                    | 1                         | -                        | -                         | -                                  | 1                  |
| <u>Fractures</u>                        |                           |                          |                           |                                    |                    |
| Trunk                                   | 1                         | -                        | -                         | -                                  | 1                  |
| Lower extremities                       | 1                         | -                        | 2                         | -                                  | 3                  |
| <u>Occupational</u>                     |                           |                          |                           |                                    |                    |
| Body Constitutional                     | 3                         | -                        | 2                         | -                                  | 5                  |
| <u>Amputations or Total Loss of Use</u> |                           |                          |                           |                                    |                    |
| Upper extremities                       | -                         | -                        | 1                         | 1                                  | 2                  |
| Lower extremities                       | -                         | -                        | 1                         | 1                                  | 2                  |
| <u>Partial Loss of Function</u>         |                           |                          |                           |                                    |                    |
| Upper extremities                       | -                         | -                        | -                         | 1                                  | 1                  |
| Lower extremities                       | -                         | -                        | 1                         | 1                                  | 2                  |
| <u>Heart Injuries</u>                   |                           |                          |                           |                                    |                    |
| Body constitutional                     | <u>1</u>                  | <u>-</u>                 | <u>-</u>                  | <u>-</u>                           | <u>1</u>           |
| Totals                                  | 11                        | -                        | 11                        | 4                                  | 26                 |



Maximum Payment Cases, by Age at End of Compensation Period  
January 1, 1966 to December 31, 1966

| <u>Age Periods</u> | <u>Number of Cases</u> | <u>Per Cent</u> |
|--------------------|------------------------|-----------------|
| 30 to 34 inclusive | 3                      | 11.5            |
| 35 to 39 "         | 1                      | 3.8             |
| 40 to 44 "         | 8                      | 31.0            |
| 45 to 49 "         | 4                      | 15.5            |
| 50 to 54 "         | 1                      | 3.8             |
| 55 to 59 "         | 4                      | 15.5            |
| 60 to 64 "         | 1                      | 3.8             |
| 65 to 69 "         | 1                      | 3.8             |
| 70 to 74 "         | 1                      | 3.8             |
| 75 to 79 "         | <u>2</u>               | <u>7.5</u>      |
| Totals             | 26                     | 100.0           |

### THE MEDICAL SECTION

Insurers, self-insurers and the various governmental units (excluding the Commonwealth of Massachusetts) reported payments for medical and hospital services on injuries occurring during the period January 1, 1966 to December 31, 1966, in the sum of \$20,781,354.07. This represents 29.2 per cent of the total benefits for the year. During this period 204,007 employees were furnished either medical or hospital treatment or both.

Impartial physicians are appointed by the Board. During the year covered by this report, \$24,724.00 was spent for impartial examinations and \$13,370.26 for hospital records which the Board obtained.

The medical work of the Board has been administered from the viewpoint that employees are entitled to adequate medical and hospital treatment but that the cost of such treatment should be reasonable.



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